

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/019307

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> A61J1/05

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> A61J1/05

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2003-63576 A (Taisei Kako Co., Ltd.), 05 March, 2003 (05.03.03), Par Nos. [0002] to [0004], [0009] to [0017], [0033] to [0043]; Figs. 1 to 2 & EP 1266840 A2 & US 2002/0190079 A1	1-2, 5-6 3-4
Y A	JP 51-146789 A (Tor Halley Petterson), 16 December, 1976 (16.12.76), Page 4, upper right column, lines 12 to 15; page 4, lower left column, line 13 to lower right column, line 4; page 5, upper left column, lines 5 to 8; page 5, upper right column, line 17 to lower right column, line 6; page 6, upper left column, line 7 to upper right column, line 15; page 9, upper left column, lines 6 to 10; Fig. 23 & US 4002168 A	1-2, 5-6 3-4

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
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- "P" document published prior to the international filing date but later than the priority date claimed

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"&" document member of the same patent family

Date of the actual completion of the international search  
20 January, 2005 (20.01.05)Date of mailing of the international search report  
08 February, 2005 (08.02.05)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	WO 2003/093132 A1 (Yoshino Kogyosho Co., Ltd.), 13 November, 2003 (13.11.03), Description, page 14, lines 18 to 22; page 16, line 20 to page 18, line 8; Fig. 10 (Family: none)	2 3-4
Y	WO 2002/038464 A1 (LABORATOIRES THEA), 16 May, 2002 (16.05.02), Description, page 13, line 22 to page 14, line 11; Figs. 1 to 2 & JP 2004-513038 A & US 2004/0074925 A1 & FR 2816600 A1	6
Y	CD-ROM of the specification and drawings annexed to the request of Japanese Utility Model Application No. 60537/1992 (Laid-open No. 15636/1994) (Tomey Technology Corp.), 01 March, 1994 (01.03.94), Par Nos. [0014] to [0017]; Fig. 1 (Family: none)	6